

**INDIANA STATEWIDE TESTING
FOR EDUCATIONAL PROGRESS**

Applied Skills Frequency Distribution

State: INDIANA

Grade: 4

Purpose

This report provides a frequency of points obtained by Applied Skills items.

[illegible]

A Message from Dr. Suellen Reed

Dear Teachers and Administrators,

The *ISTEP* + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help them evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the *ISTEP* + assessment.

Sincerely,



Suellen Reed
Superintendent of Public Instruction

INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

Criterion-referenced Test: A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

Indiana Academic Standards: The Indiana Academic Standards define three categories of student achievement in English/language arts and mathematics (Pass +, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

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|--------------|---|
| Pass + | Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area. |
| Pass | Meets the passing standard. |
| Did Not Pass | Fails to meet the passing standard and in all likelihood will need remedial assistance. |

Indiana Scale Score: Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP* + as scale scores in English/language arts and mathematics. These three-digit, equal-interval scores are expressed on unique scales by content area.

Indiana Performance Index (IPI) Score: A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

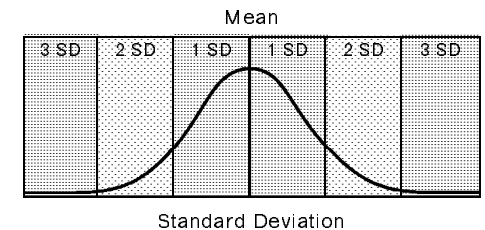
SUMMARY INFORMATION

Mean: Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

Median: The median is another often used "average." It is defined as the score below which half of the cases fall.

Mean Scale Score: The arithmetic average of the scale scores obtained by a group of students.

Standard Deviation (SD): A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.



Applied Skills Frequency Distribution

State: INDIANA

Grade: 4

Purpose
This report provides a frequency of condition codes obtained by Applied Skills items.



Test Date: 09/15/08

| E/la | Total Number of Students | Condition Code A Blank Response | | Condition Code B Illegible | | Condition Code C Non - English | | Condition Code D Insufficient | | Condition Code E Off Topic | | Invalid / Omitted Test | |
|------------------------------|--------------------------------|------------------------------------|---|-------------------------------|---|-----------------------------------|---|----------------------------------|---|-------------------------------|---|---------------------------|---|
| Item # - Test # | | N | % | N | % | N | % | N | % | N | % | N | % |
| Writing Applications | | | | | | | | | | | | | |
| 1a-3-Writing Applications | 78094 | 0 | 0 | 91 | 0 | 11 | 0 | 47 | 0 | 869 | 1 | 279 | 0 |
| 15a-4-Writing Applications | 78094 | 1271 | 2 | 67 | 0 | 9 | 0 | 92 | 0 | 921 | 1 | 232 | 0 |
| Lang. Conventions | | | | | | | | | | | | | |
| 1b-3-Lang. Conventions | 78094 | 0 | 0 | 91 | 0 | 11 | 0 | 47 | 0 | 0 | 0 | 279 | 0 |
| 15b-4-Lang. Conventions | 78094 | 1271 | 2 | 67 | 0 | 9 | 0 | 92 | 0 | 0 | 0 | 232 | 0 |
| Reading Comp. | | | | | | | | | | | | | |
| 2-4-Reading Comp. | 78094 | 1246 | 2 | 8 | 0 | 1 | 0 | 297 | 0 | 4 | 0 | 232 | 0 |
| 6-4-Reading Comp. | 78094 | 1580 | 2 | 13 | 0 | 3 | 0 | 103 | 0 | 8 | 0 | 232 | 0 |
| 14-4-Reading Comp. | 78094 | 2517 | 3 | 18 | 0 | 3 | 0 | 7 | 0 | 8 | 0 | 232 | 0 |
| Lit Response & Analysis | | | | | | | | | | | | | |
| 12-4-Lit Response & Analysis | 78094 | 1403 | 2 | 59 | 0 | 2 | 0 | 19 | 0 | 34 | 0 | 232 | 0 |
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Suellen Reed
Superintendent of Public Instruction

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